$\overline{23}$ .

24.

SIZE OF HOLE

12-1/4"

7-7/8"

### SUBMIT IN TRIPZICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

QUANTITY OF CEMENT

Circ to surface

SX

+1000

UNITED STATES DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY U-16544 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME PLUG BACK DEEPEN DRILL X b. TYPE OF WELL MULTIPLE SINGLE GAS C 8. FARM OR LEASE NAME WELL X ZONE  $\frac{1}{2}$ 2. NAME OF OPERATOR 9. WELL NO. Husky Oil Company 3. ADDRESS OF OPERATOR 15-17 Federal 600 S. Cherry St., Denver, Colo. 80222
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) FINID AND POOL OR WILDCAT <del>Bench</del>,Grn River SEC., T., B., M., OR BLK. AND SURVEY OR AREA 660' FSL & 1980' FEL 5W53 At proposed prod. zone Sec. 17-9S-19E Same 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12. COUNTY OR PARISH | 13. STATE Uintah Utah 20 miles SE of Ballard, Utah 15. DISTANCE FROM PROPOSED\*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT 16. NO. OF ACRES IN LEASE NO. OF ACRES ASSIGNED TO THIS WELL 660' 520 (Also to nearest drig. unit line, if any) 19. PROPOSED DEPTH 18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 20. ROTARY OR CABLE TOOLS --4950' N/A 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4722' GR June 20

We propose to drill the captioned well to test the Green River formation. We propose to test all shows of oil and/or gas deemed worthy of test and to set casing, as above, or to plug and abandon in accordance with instructions received from the U.S.G.S. & the State of Witch

PROPOSED CASING AND CEMENTING PROGRAM

SETTING DEPTH

300'

4950'

WEIGHT PER FOOT

36#

17#

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

6-26-81

SIZE OF CASING

9-5/8"

5-1/2"

JUN 1 1921

DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED	James	Q. a	Yates		 TITLE	Drillin	g Engi	neer	DATE -	May 21,	1981
(This space	e for Fede	eral or Stat	te office use	)					Tr. 5 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 x 7 2 2 2	
 				$\varphi^{\sigma_{k+1}} = 1$		APPROVAL DA	nt 13		3 23 25		
PERMIT NO.	un					APPROVAL DA	re	:3 :3			
APPROVED B CONDITIONS		AL, IF ANY	:	***************************************	TITLE				DATE		



R. 19 E.

N

	<b>R.</b> 12	<b></b>		
	5277.36'	G.L.O.		
			1	
9.7.0				0.7.0 T 0
GR. ELEV.		7 — — — —		T.99
R.P. 200' NORTH	4719'			.080.
R.P. 200' WEST	4725'		1 1 1	25
				7
	 	-	1980' 	-
		099	 	
	5276.04'	G.L.O.		<del></del>
	Scale	" = 1000	<b>)'</b>	1 -

Powers Elevation of Denver, Colorado
has in accordance with a request from Vera Chandler
for Husky Oil Co.
determined the location of 15-17 Federal
to be 660' FSL & 1980' FEL Section 17 Township 9 South
Range 19 East of the Salt Lake Meridian
UINTAH County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of 15-17 FEDERAL.

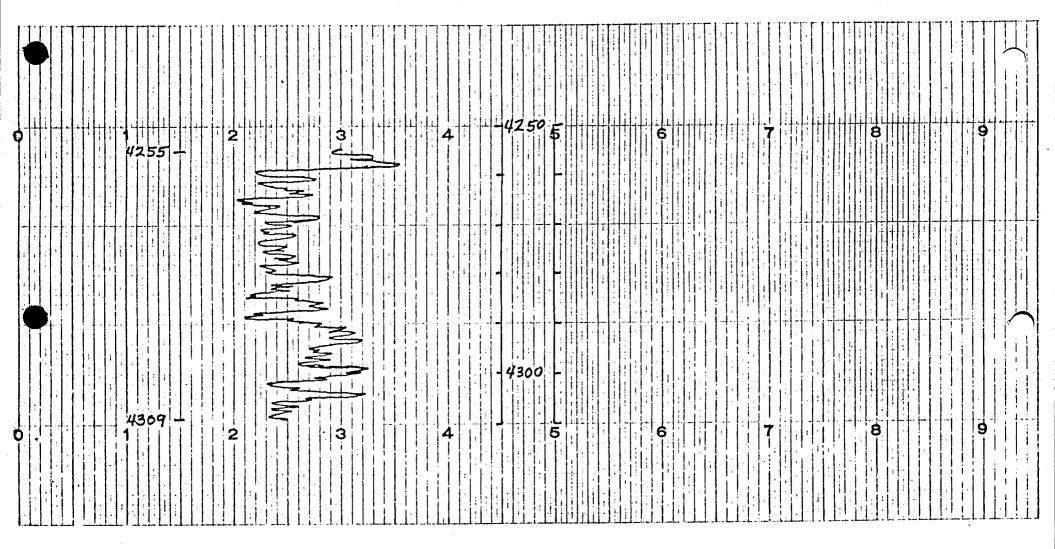
Date: <u>5-23-81</u>

Licensed Land Surveyor No. 5443 State of UTAH Company: Well: Husky Oil Company No. 15-17 Federal

Uintah State: Utah Pariette Bench (East) T 9 So. R 19 East Sec. 17 County: Field:

Water Base Mud: Formation: Douglas Creek

TTCS File: 60 Date: 7-23-81



### HUSKY OIL COMPANY

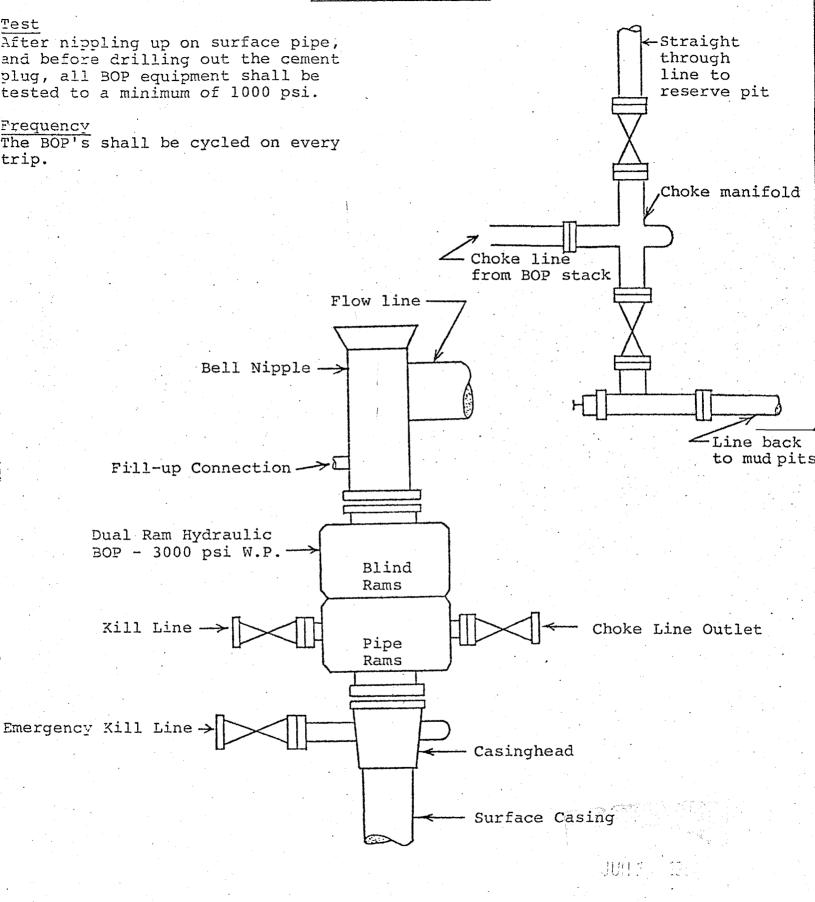
Well No. 15-17 Federal Uintah County, Utah TTCS File No. 60

### DATA SUMMARY (Averages by Zones)

				Satur	ation	Conin	
Zone No.	Interval (feet)	Perm (Horz.) (md)	Porosity (%)	0il (%)	H <sub>2</sub> 0 (%)	Grain Density (gm/cc)	Productivity
1	4260-61	23	13.3	24.4	35.6	2.66	0il*
2	4261-63	3.34	11.3	28.6	30.3	2.66	0i1*
3	4263-66	21	16.3	23.8	40.3	2.65	0il*
4	4266-77	7.95	14.8	24.4	41.7	2.66	0il*
5	4277-82	38	15.7	28.6	33.7	2.65	0il*
6	4282-84	0.84	8.6	10.2	73.1	2.69	Non-prod.
7	4284-88	24	12.7	27.7	36.3	2.68	0i1*
8	4300-05	0.08	6.4	0.0	72.8	2.68	Non-prod.

<sup>\*</sup> Successful formation treatment may be necessary to establish commercial flow rates.





Schematic Drawing
3000 psi - BOP Equipment

DIVISION OF CITY BAS & MINING

Page 4
15-17 Federal
Pariette Bench
Sec. 17-09S-19E
Uintah County, Utah

9/26/81 3 BO, 20 BW 9/27/81 16 BO, 0 BW 9/28/81 4 BO, 0 BW 9/29/81 17 BO, 0 BW 9/30/81 36 BO, 47 BW

- 10/01/81 RU Prairie Gold Well Service Rig. Pulled rods & tbg. Changed out wellhead. SDFN. Daily Cost: \$3500 Completion Cum: \$111,265 Total Cum: \$411,507
- Unloading 15,000 gal of #2 diesel. Heated to 100°. RU Halliburton. Frac perfs 4721-69'. Pumped 14,200 gal Mighty oil frac. Pumped 4,000 gal pad; 1,500 gal 1/PPG 10-20 sand; 15,000 gal 2/PPG 10-20 sand; 2,000 gal 3/PPG 10-20 sand. Avg rate 20 BPM @ 1850 psi. Max press 2030 psi; ISIP 1780 psi; 5-min SIP 1630 psi; 10-min SIP 1570 psi; 15-min SIP 1500 psi. Daily Cost: \$31,399 Completion Cum: \$142,664 Total Cum: \$442,906
- 10/03/81 SI tbg pressure. Opened well to tank. Gel had not broken. Ran slick line to check for sand. Had to put an extra 8' sinker bar on to get thru gel. Got in & tagged btm @ 4895'. No sand on perfs. Left well SI for weekend.

  Daily Cost: \$1,800 Completion Cum: \$160,664 Total Cum: \$460,906
- 10/04/81 SDFS
- 10/05/81 Gel is still not broke. CP 800 psi. LD csg. Installed BOP. Strapped tbg in hole open ended, 2470' of 2-1/8" tbg. RU. Swbd back 64 bbls of diesel from perfs 4721-69'. FL @ 2400'. 305 BFLTBR. Daily Cost: \$2,000 Completion Cum: \$162,664 Total Cum: \$462,906
- 10/06/81 FL @ 1800'. Swbd perfs 4721-69'. Received 101 BF, diesel & oil-cut diesel. Swbd dn to 4700'. Not enough fluid entry to continue swbg. LD swab. Pulled 2-7/8" tbg OOH. SWI.

  Daily Cost: \$1,400 Completion Cum: \$164,064 Total Cum: \$464.506
- 10/07/81 Decided to perf Upper Zone. Located & ordered perfing tools. Well SI. Daily Cost: \$1,200 Completion Cum: \$166,064 Total Cum: \$466,306
- 10/08/81 RU McCullough. Perfd 4634-38', 4649-53', 4 SPF w/4" csg gun. Found FL in csg @ 1350' w/perfing gun. Picked up Halliburton 5"/5-1/2", 17#, RTTS pkr & plug. WIH w/2-7/8" tbg. Set plug @ 4693' & RTTS pkr @ 4600'. RU & swbd back 23 bbls of oil-cut diesel which was tbg displacement. SWI @ 7:00 p.m. Will be checking fluid entry & acidizing on 10/9.

  Daily Cost: \$4,900 Completion Cum: \$170,964 Total Cum: 471,204

Page 5
15-17 Federal
Pariette Bench
Sec.17-09S-19E
Unitah County, Utah

- 10/09/81 SITP 0. 50' fillup overnite. RU Halliburton for acid job. Pumped 10,000 SCF N<sub>2</sub>, 500 gal wtr & chemical & 1000 gal 15% HCL. Drop 30 ball sealers. Flushed w/ SCF N<sub>2</sub>, small amt of formation wtr. All acid, had 750 SCF N<sub>2</sub> in it. Avg 3000 psi, 4 BPM. When ball sealers started hitting, pressure gradually increased to 3900#. 15-minute, 1700#. Flowed back to pit. In 30 minutes started getting oil cut. Died in one hour. Swbd acid wtr, good oil cut, to pit. SWIFN. Daily cost: \$8100 Completion Cum: \$179,064 Total Cum: \$479,304
- 10/10/81 SITP 250#. FL 2200'. 15 B fillup over nite. Swbd total of 18 BO. Fluid entry to slow to continue swbg. Released pker. PU Halliburton plug. POOH. PU pump assembly, Baker tbg anchor. Went in hole. NU wellhead. SWIFWE.

  Daily cost: \$2200 Completion Cum: \$181,264 Total Cum: \$481,504
- 10/11/81 SDFS.
- 10/12/81 Ran rods & top hole down pump (1-3/4"), landed at 4713'. Started well pumping at 12:00 noon. Transferred 200 bbls frac oil to stock tanks. Well pumping good. Too muddy to rig down & move rig. 18 BO, 0 BW
  Daily cost: \$1800 Completion Cum: \$183,064 Total Cum: \$483,304
- 10/13/81 0 BO, 51 BW.
- 10/14/81 8 BO, 0 BW.
- 10/15/81 12 BO, 0 BW.
- 10/16/81 12 BO, 0 BW
- 10/17/81 9 BO, 14 BW
- 10/18/81 10 BO, 0 BW
- 10/19/81 RU Gamash Well Svc Co Rig 17, very very muddy. Pulled rods. RU tbg tools. SWIFN. Green River perfs 4271-95'. Daily cost: \$2000 Completion Cum: \$185,064 Total Cum: \$485,304

#### HUSKY OIL COMFANY MID-CONTINENT DIVISION DENVER, COLORADO

CHRON. REPORT - PRODUCTION DEPT.

FAGE

UIAH\_\_\_\_

PARIETTE

UT 021 1517

15-17 FEDERAL 660 FSL & 1980 FEL SEC. 17-0098-019E UINTAH CO., UTAH

CONTRACTOR: CHASE #1

PROPOSED TD: 4950'

10/20/81 PRESENT\_DEERATIONS:

PREP TO PERF

PAST\_24\_HQUBS:

RU Gamash Well Svc. Very muddy. Pulled rods. RU tbg tools. SWIFN. Green River perfs 4271-95'.

DAILY COST: \$2,000 CUM. COMPL.: \$185,064 WELL COST:

\$485,304

10/21/81 PRESENT OPERATIONS:

SWABBING BACK ACID WATER

EASI\_24\_HQUES:

POOH w/154 jts, 2-7/8" tbg. RU McCullough Svcs. Perf'd Green River 4271-95', 4/SFF, w/4" csg gun. FU Halliburton BP & pkr. GOH w/2-7/8" tbg. Set plug at 4340', pkr at 4200'. RU Halliburton to acidize above Green River perfs. Pumped 500 gal prepad chem & wtr, 1000 gal 15% HCL & adds w/750 SCF/bbl nitrogen, avg 5 BPM acid & nitrogen @ 2000# Flushed w/6 BW, 30,000 SCF/bbl nitrogen. ISIP 2200#. Avg tbg press 2000#. 15-min 2000#. Flowed well to pit. Died in 30 min. When acid started coming, RU to swb back acid. DAILY COSI: \$11,905 CUM. COMEL.: \$197,014 WELL COSI: \$49

# H U S K Y O I L C O M F A N Y MID-CONTINENT DIVISION DENVER, COLORADO

CHRON. REPORT - PRODUCTION DEPT.

PAGE

15-17 FEDERAL SEC. 17-009S-019E UINTAH CO., UTAH

10/22/81 ERESENT\_OPERATIONS: FLOWING BACK OIL-CUT FRAC FLUID

EAST\_24\_HOURS:

Green River perfs 4271-95. SITP 0. 3000' fillup over nite Approx 90% oil. Had 300° fillup in 90 min. Approx 2 bbls. RU Dowell. Frac'd perfs 4271-95 w/Dowell PSD fluid, 2% KCL. Fump 5000 gal pad, and sand concenttrations were 3000 gal 14 100 mesh, 3000 gal 24 100 mesh, 3000 gal 34 100 mesh, 2000 gal 4# 100 mesh, 1000 gal 2# 10-20 sand, 2000 gal 34 10-20 sd, 3000 gal 4# 10-20 sd, 3000 gal 5# 10-20 sd, 2000 gal 64 10-20 sd. Blender broke down for a short time. Displaced w/12 1/2 bbl 5% HCL for breaker. When acid was on formation, dropped rate to 1 BFM w/no nitrogen. AIR 12 1/2 BPM nitrogen, 19 BPM total. Max TP 37004. Avg 34004 ISI 16004, 15-min 16004. RD Dowell. Flow well back to pit for 3 hrs, flwg on 1/4" choke, having trouble w/PIW valve. Used total 592 SCF hitrogen. DAILY\_COST: \$49,500 CUM.\_COMPL.: \$246,514 WELL\_COST: \$546,754

10/23/81 PRESENT\_DEERATIONS:

PREP TO RECOVER BRIDGE PLUG & RETURN TO PRODUCTION PAST 24 HOURS:

FTP 865\*. Flowed all night on L/4" choke. Well dead at 10 AM. RU & swb to tank. Recovered 285 BTF, approx 40% oil cut. Total recovery 115 BD, -70 BW.

DAILY\_COST: \$2,200 CUM: COMPL:: \$248,714 WELL\_COST: \$548,954

10/24/81 ERESENT\_OPERATIONS:

FUMPING

PAST\_24\_HOURSI

RU to swab. Well started flowing. Flowed 8 BO. Started flowing wtr. Died. Released RTTS pkr. Circ out sand from 4295-4351'. Left Halliburton BP in hole at 4351'. FOOH w/pkr. Went back in hole w/144 jts 2-7/8" tbg. Landed at 4200'. FU rebuilt 1-3/4"x12' top-hole pump w/Martin plunger. Ran rods. Hung on. Started pumping 7:30 PM 10/23/81.

DAILY\_COST: \$2,400 CUM. COMPL.: \$251,114 WELL\_COST: \$551,354

### HUSKY OIL COMPANY MID-CONTINENT DIVISION DENVER, COLORADO

CHRON. REPORT - PRODUCTION DEPT.

F'AGE

15-17 FEDERAL SEC. 17-009S-019E UINTAH CO., UTAH

10/25/81	ERESENT OPERATIONS: FUMPING EAST 24 HOURS: 24-hour test: 75 BW, no oil DAILY COST: \$0 CUM. COMEL.:	\$0 WELL_COST: \$55	1,354
10/26/81	ERESENT OPERATIONS: FUMPING EAST 24 HOURS: 24-hour test: 87 BW, no oil DAILY COST: \$0 CUM. COMEL.:	so WELL_COSI: \$55	1,354
10/27/81	ERESENT_OPERATIONS:  PUMPING  EAST_24_HOURS:  Pumping  DAILY_COST: \$0 CUMCOMPL.:	\$0 WELL_COSI: \$55	1,354
10/28/81	PRESENT_OPERATIONS: FUMFING PAST_24_HQUES: 24-hour test: O BO, 30 BW DAILY_COSI: \$0 CUMCOMEL.:	\$251,114 WELL_COSI1 \$55	1,354
10/29/81	ERESENT_OPERATIONS: FUMPING EAST_24_HOURS: 24-hour test: O BD, 28 BW DAILY_COST: \$0 CUM. COMEL.:	\$251,114 WELL_COST: \$55	1,354
10/30/81	ERESENI_OPERATIONS: FUMPING EAST_24_HOURS: 24-hour test: O BO, 20 BW DAILY_COST: \$0 CUM_COMPL.:	\$251,114 WELL_COSI: \$55	1,354

# H U S K Y O I L C O M P A N Y MID-CONTINENT DIVISION DENVER, COLORADO

CHRON. REPORT - PRODUCTION DEPT.

PAGE 4

UT 021 1517

15-17 FEDERAL SEC. 17-009S-019E UINTAH CO., UTAH

10/31/81 ERESENT\_DEERATIONS!

FUMPING

EAST\_24\_HQURS:

24-hour test: 0 BO, 25 BW

DAILY COST: \$0 CUM. COMPL.: \$251,114 WELL COST: \$551,354

11/01/81 ERESENI\_QEEBATIONS:

PASI 24 HOURS!

24-hour test: O BO, 42 BW

DAILY COST: \$0 CUM: COMPL:: \$251,114 WELL COST: \$551,354

11/02/81 PRESENT\_QEERAIJONS:

PUMPING

PAST 24 HOURS:

24-hour test: O BO, 13 BW

DAILY COST: \$0 CUM: COMPL: \$251,114 WELL COST: \$551,354

11/03/81 PRESENT\_OPERATIONS:

PUMPING

PAST\_24\_HOURS:

24-hour test: O BO, 25 BW

DAILY COST: \$0 CUM. COMPL. \$251,114 WELL COST: \$551,354

11/04/81 ERESENI\_QEERAIIQNS:

**FUMPING** 

EAST\_24\_HQUBS:

Pump ing

PAILY\_COST: \$0 CUM: COMPL: \$251,114 WELL\_COST: \$551,354

11/05/81 PRESENT\_OPERATIONS:

EAST\_24\_HQUES:

FINAL REPORT. Completed as a pumping Green River oil well

with an IF of 40 BO, 0 BW on 8/27/81.

DAILY COST: \$0 CUM: COMEL: \$251,114 WELL COST: \$551,354

United States Department of the Interior Geological Survey 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, Utah 84104

### NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICA	TION
Operator Husky	Oil Company
Project Type0	il Well
Project Location _	660' FSL 1980' FEL Section 17, T. 9S, R. 19E
Well No15	-17 Lease No. <u>U-16544</u>
Date Project Submi	ttedMay 29, 1981
FIELD INSPECTION	DateJune 16, 1981
Field Inspection Participants	Greg Darlington USGS, Vernal
	Gary Slagel BLM, Vernal
	James Yates Husky Oil Company
	Bill Holley Dozers, Inc.
-	Lynn Sturgis Dozers, Inc.
Related Environmen	tal Documents: Unit Resource Analysis, Duchesne Planning
Unit, BLM, Vernal	CER 341-81
guidelines. This	e proposal in accordance with the categorical exclusion review proposal would not involve any significant effects and, there-resent an exception to the categorical exclusions.
June 16	
Date Pr	epared Environmental Scientist for Grea Parlington
I concur	E W GUYNN
JUN 1	My Marway
ра	ce Signification paper and a second paper and a second paper a se

6-17-81

Typing Out

6-16-81

Typing In

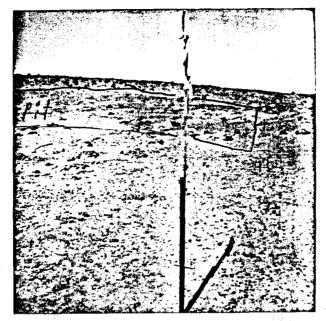
### PROPOSED ACTIONS:

Husky Oil Company plans to drill the Husky 15-17 well, a 4950' oil and gas test of the Green River Formation. A new access road of about 1300' length will be required to reach the present access road to the recently drilled Husky 11-17 well. An area of operations 180' by 300' including the pad and reserve pit is proposed for the location. The reserve pit will be 10' deep instead of 6' deep according to our discussions at the onsite.

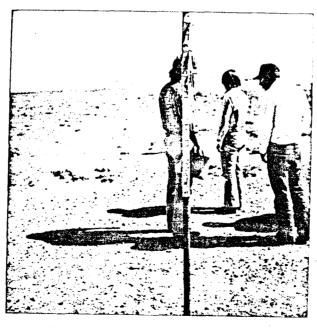
#### RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

- 1. BLM Stipulations
- 2. Lease Stipulations
- 3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.



West View Husky 15-17



North View Husky 15-17

. United the control of the control
FROM: -: DISTRICT GEOLOGIST , SALT LAKE CITY, UTAH
DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-16544
OPERATOR: Husky Oil Co. WELL NO. 15-17 Federa
OCATION: C & SW& SE& sec. 17, T. 95, R. 19E, SLB&M
Mintah county, Utah
Charactic and Tank
Wintah Formation - Surface (4722 GR)
Green River Fm - 1170'
Douglas Creek - 3500'
TD-4950'
. Fresh Water:
. Fresh water may occur in the Uintah Fm.
. Leasable Minerals:
Oil Shale occure in the Mala
Oil Shale occurs in the Mahogan, zone of
the Green Rv. Fm. (27001)
Saline minerals may occur above the
Mahogung zone (2000' to 2700')
. Additional Logs Needed:

none

5. Potential Geologic Hazards: hone Known.

6. References and Remarks:

### \*\* FILE NOTATIONS \*\*

DATE	: June 11, 1	981		
	ATOR: Nusky		ing	
WELL	NO: 15-17	Federal		
Loca	tion: Sec. <u>/ 7</u>	_T. <u>95</u> R	196 County: <u>Uinta</u>	rh
File	Prepared:		Entered on N.I.D:	
	Indexed:		Completion Sheet:	
<u>.</u>		API Number 4	3-047-31002	
CHECI	KED BY:			
	Petroleum Engineer:	14.J. 14	eles 6-210-81	
	Director:			
	Administrative Aide	tu dil + 9 m	le c-3, oh on bour	dries
APPRO	OVAL LETTER:			
	Bond Required:	7	Survey Plat Required:	7
	Order No.	<del></del>	0.K. Rule C-3	
	Rule C-3(c), Topogr within	aphic Exception a 660' radius	- company owns or controls of proposed site	acreage
	Lease Designation Z	Fed	Plotted on Map	
		Approval Lette	r Written	
	Hot Line	P.I.	<del></del>	

### FIELD NOTES SHEET

Date of Field Inspection: June 16, 1981
Well No.: 15-17
Lease No.: V-16544
Approve Location: 10 deep werve pit
and the state of t
NOTE 4. B. of 13 print plan - a tank bothery will be built on law
Modify Location or Access Road:  NoTE 4. B. of 13 print plan - a tank battery will be built on this  location due to it being on a different lease then the 11-17 Harry.  10' deig reserve pit
10' deig reserve pit

Evaluation of Criteria for Categorical Exclusion

- 1. Public Health and Safety
- Unique Characteristics
- 3. Environmentally Controversial Items
- 4. Uncertain and Unknown Risks
- 5. Establishes Precedents
- Cumulatively Significant
- 7. National Register Historic Places
- 8. Endangered/Threatened Species
- 9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of

Comments and special conditions of approval discussed at onsite: (include local topography) Wort 1300 faces will be read from the pad of the topography) Wort 1300 faces will be need from the pad of the Morner and reserve pit. Dood location—

No corner telever No corner and reserve pit. Dood location—

Plana are putty good but the access with the wind aliquidly explained in the APD my (I had to brow it in) See Exhbit B:

The 11-17 well marby encountered 250 planel day production on a test last week. This well will probably be a producer too.

We ill trucked the 65 miles to the weekers in the boom jup descriptions the backers was arroad.

### CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Feder Corre- spondence (date)	al/State Ag Phone check (date)	gency Meeting (date)	Local and private corre-spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
Public health and safety	,						1,2,4,6	June 16, 1981	
Unique characteristics							1,2,4,6		
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant		·				·	1,2,4,6		
National Register historic places				•			1,6		
Endangured/ threatened species							1,6		
. Violate Federal, State, local, tribal law							1,2,4,6		



### United States Department of the Interior

T & R U-801

VERNAL DISTRICT OFFICE 170 South 500 East Vernal, Utah 84078

June 16, 1981

Ed Guynn, District Engineer USGS, Conservation Division 2000 Administration Building 1745 West 1700 South Salt Lake City, Utah 84104

Re: On site Inspection Husky Oil Company T9S, R19E, Sec 17 Federal #15-17

Dear Mr. Guynn:

On June 16, 1981, a joint on site inspection was made of the above referenced well site location and proposed access road by people representing Husky Oil, Dozers, Inc., USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

- 1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
- 2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
- 3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
- 4. The BLM will be notified at least 24 hours prior to any construction.
- 5. The BLM will be notified at least 24 hours prior to any rehabilitation.
- 6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.



Continued . .

- 7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone, or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Satety and Health Act) standards are excluded.
- 8. The depth of the reserve pit will be increased to 10 feet.

An archaeological clearance has been conducted by Powers Elevation of the proposed drill site and access road. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna and their habitats.

Sincerely,

Ralph J/Heft Area Manager

Diamond Mountain Resource Area

cc: USGS, Vernal

## SUBMIT IN TRACE ATE (Other instructions on records side)

Form approved. Budget Bureau No. 42-R1425.

## UNITED STATES (Other instructions of reverse side)

<b>.</b> '	DEPARTMENT	OF THE !	NIER	CIOR			5. LEASE DESIGNATION	AND SERIAL NO.	
	GEOLO		U-16544		_				
APPLICATION	FOR PERMIT	O DRILL, [	DEEPE	N, OR PLU	G BA	CK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME	S
1a. TYPE OF WORK  DRI  b. TYPE OF WELL	LL 🗷	DEEPEN [			BACK		7. UNIT AGREEMENT N	AMB	_
OIL COR GA	S OTHER				ONE		S. FARM OR LEASE NA	ME	
2. NAME OF OPERATOR						1_			
Husky Oil	Company		_				9. WELL NO.		
3. ADDRESS OF OPERATOR						]_	15-17 Fed 10. FIELD AND POOL,		
600 S. Che 4. LOCATION OF WELL (Re At SUFFACE 660' FSL &		ver, Colo in accordance wit	. 80 th any S	222 tate requirements.	•)		Pariette Be 11. sec., T., B., M., OB AND SURVEY OR AI	ench, Grn	_Riv
At proposed prod. zone									
Same  14. DISTANCE IN MILES A		REST TOWN OR POS	T OFFICE	Ç*			Sec. 17-9		—
	E of Ballard						Uintah	Utah	e
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L	SED*		16. NO	OF ACRES IN LEA	SE 1	то тн	F ACRES ASSIGNED IS WELL		_
(Also to nearest drlg 18. DISTANCE FROM PROP	unit line, if any) O	60'	19. PR	520 TOPOSED DEPTH		4 C 20. rotar	Y OR CABLE TOOLS	·	_
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING, COMPLETED,	/A	1	950 <b>'</b>		P.c	tary _		
21. ELEVATIONS (Show whe		/ A	1 7	: 930	<del></del>	110	22. APPROX. DATE WO	ORK WILL START	ē*
4722'							June 20,	1981	
23.		PROPOSED CASI	NG ANI	CEMENTING PI	ROGRAM		1 5 4 201		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	оот	SETTING DEPT	н		QUANTITY OF CEME	NT	
12-1/4"	9-5/8"	36#		300'			to surface	<u> </u>	
7-7/8"	5-1/2"	17#		4950'		<u>+100</u>	00 sx		
			,						
We propose and to set	to drill the to test all casing, as a	shows of bove, or	oil to p	and/or ga plug and a	as de	emed	worthy of	test	l •
instruction	s received f		J.S.(	3.S.				**	
•	111675	15		±				- *** - ***	
	JUN 1	119							
	901			-				÷	-
•						7	· · · · · · · · · · · · · · · · · · ·	· .	
	DIV.	SION OF				9		•	
	OIL, GA	S & MINING				-	\$ .		
IN ABOVE SPACE DESCRIBE	drill or deepen direction	proposal is to dee ally, give pertinen	pen or p t data o	plug back, give dat on subsurface locat	a on pres ions and	ent produ measured	ictive zone and propos and true vertical dept	ed new producti hs. Give blowd	ive out
preventer program, if an	у.							1.2.2	
signed James	8. galar	TI	TLE [	Orilling F	Engin	eer_	DATE May	21, 198	1
(This space for Fede	eral or State office use)								===
PERMIT NO.				APPROVAL DATE		<del></del>			
				TOO TE E IN G	MAYIE	H	11141	10 1001	

NOTICE OF APPROVAL State 04 G.

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

- Surface Management Agency Input
- Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
- Lease Stipulations/Terms
- 4. Application Permit to Drill
- 5. Operator Correspondence
- 6. Field Observation
- 7. Private Rehabilitation Agreement
- 8. USGS conditions of approval.

June 29, 1981

Husky 0il Company 600 S. Cherry St. Denver, Colo. 80222

RE: Well No. Federal #15-17 Sec. 17, T. 9S, R. 19E, Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil is hereby granted in accordance with Rule C-3, General Rules and Regualtions and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to <u>immediately</u> notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30002.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder Petroleum Engineer

All the state of t

MTM/db CC: USGS





## DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

NAME OF CO	YPANY:_	Hus	sky Oil C	ompany		
WELL NAME:	Federa	al #15-17			·. · · · · · · · · · · · · · · · · · ·	
SECTION	17	_Township	9S	RANGE	19E	COUNTY <u>Uintah</u>
DRILLING CO	ONTRACT	OR Chase	Drilling	Company		
RIG #1		<del></del>				
SPUDDED:	DATE_	7-6-81				
	TIME_	4:00 p.m.				
	How	rotary				
DRILLING W	ILL COM	MENCE				
REPORTED BY	YVei	a Chandler				
TELEPHONE :	#303	3-370-1462				
DATE 7	-7-81		<del></del>		SIGNED	DB

Just one

### NOTICE OF SPUD

***		V
Caller: M/a Rucheveh	De Julius	
Phone:		
	DIVISION OF OIL, GAS & MINING	
Well Number: 15-17 Federal	(III) (III)	
Location: 17 - 95- 19E	SW-SE	
County: Uintah	State: <u>//k/h</u>	
Lease Number: 1.16544		_
Lease Expiration Date:		_
Unit Name (If Applicable):		_
Date & Time Spudded: 7/4/81 4.	:00 P.M.	-
Dry Hole Spudder/Rotary		_
Details of Spud (Hole, Casing, Cement	c, etc.)	
going to Run - 9 5 %"  approximately - 295 5	CC 9.700	
approximately - 295 5	7.5	
Rotary Rig Name & Number:		_
Approximate Date Rotary Moves In:		_
·		
FOLLOW WITH	SUNDRY NOIL	CE
Call Received By:		
Date: 7 /7 /21		

Form Approved.

#### Form 9-331 Budget Bureau No. 42-R1424 Dec. 1973 UNITED STATES 5. LEASE DEPARTMENT OF THE INTERIOR U-16544 6. IF INDIAN, ALLOTTEE OR TRIBE NAME GEOLOGICAL SURVEY 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) 8. FARM OR LEASE NAME gas $\mathbf{X}$ 9. WELL NO. other well well 15-17 Federal 2. NAME OF OPERATOR 10. FIELD OR WILDCAT NAME HUSKY OIL COMPANY Pariette Bench, Green River 3. ADDRESS OF OPERATOR 600 S. Cherry St., Denver, Colorado 80222 11. SEC., T., R., M., OR BLK. AND SURVEY OR **AREA** 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 Sec. 17, T9S, R19E 12. COUNTY OR PARISH 13. STATE AT SURFACE: 660' FSL & 1965' FEL, SW SE Utah Uintah AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 43-047-31002 15. ELEVATIONS (SHOW DF, KDB, AND WD) REPORT, OR OTHER DATA 4722' GR SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion or zone REPAIR WELL change on Form 9-330.) PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON\* Set Surface Casing (other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* Spudded well @ 4:00 p.m. 7/6/81. Ran 7 jts 9-5/8", 36#, H-40, ST&C csg. Set @ 296.42' KB. Cmtd w/225 sx Class "H" + 2% CaCl2 + 1/4 pps Flocele. CIP @ 12:00 noon 7/9/81. Good returns to surface. Set @ . Subsurface Safety Valve: Manu. and Type \_\_\_ 18. I hereby certify that the oregoing is true and correct \_\_ TITLE \_\_Engr. Assistant \_\_ DATE \_\_ July 10, 1981 (This space for Federal or State office use) E. W. GUYNN DISTRICT FUGINFER DATE . JUL 1 7 1981 FOR APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

Form A	pproved	١.	
Budget	Bureau	No.	42-R1424

UNITED STATES  DEPARTMENT OF THE INTERIOR  GEOLOGICAL SURVEY	5. LEASE U-16544 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAMÉ  8. FARM OR LEASE NAME
1. oil gas other  2. NAME OF OPERATOR	9. WELL NO. 15-17 Federal
HUSKY OIL COMPANY  3. ADDRESS OF OPERATOR 600 S. Cherry St., Denver, CO 80222  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	10. FIELD OR WILDCAT NAME  Pariette Bench, Green River  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  Sec. 17, T9S, R19E
AT SURFACE: 660' FSL & 1965' FEL, SW SE AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH:  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	12. COUNTY OR PARISH 13. STATE Uintah Utah  14. API NO. 43-047-31002
REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4722 GR
TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertined	lirectionally drilled, give subsurface locations and
Ran 121 jts, 5-1/2", 17#, K-55, LT&C csg.  Cmtd w/600 sx lightweight cmt + 1/4 pps Ce Tailed in w/250 sx Class "H" + 1/4 pps Cel	lloflake.
Good returns while cmtg. CIP @ 12:00 noon	
Subsurface Safety Valve: Manu. and Type  18. I herely certify that the foregoing is true and correct  SIGNED  TITLE Engr. Assist	Set @Ft.
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:  (This space for Federal or State of FOR E.W. GUYNN, TITLE OISTRICT EN	ffice use)



July 27, 1981

Husky Oil Company 600 South Cherry Street Denver, CO 80222

Attn: Mr. Dave Cook

Subject: Core Analysis Data, Well No. 15-17 Federal, Uintah County, Utah

#### Gentlemen:

Diamond coring equipment and water base mud were utilized to obtain a 4.0-inch diameter core between 4255 and 4309 feet from the Douglas Creek formation in the subject well.

A representative of Terra Tek Core Services received the core at the well site where it was preserved in plastic polytubing and transported to our Salt Lake City laboratory for plug analysis.

A surface core gamma log has been recorded and is presented for correlation with downhole electrical surveys.

One-inch diameter by two-inch long plug samples (both horizontal and vertical) were drilled from each foot of core to be analyzed. Fluid extraction was accomplished by the Dean-Stark low temperature solvent method. Porosities were determined by Boyle's law (helium) grain volumes and Archimedes (mercury) bulk volumes. Horizontal and vertical permeabilities to nitrogen, without Klinkenberg correction, were measured in a hassler sleeve utilizing an orifice manometer to monitor downstream flow.

Tabular data resulting from this analysis is presented on the following page. Also included is a data summary page showing data average by zones and productivity comments.

The core is temporarily being stored in our Salt Lake City facility awaiting further instructions. We sincerely appreciate this opportunity to be of service.

Yery truly yours,

Jack R. Good

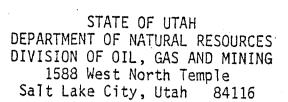
Laboratory Director

JRG:jlq

Enclosure

è,







DIVISION OF OIL, GAS & MINING

### \*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number #15-17 FEDERAL	
Operator HUSKY OIL COMPANY	600 S. Cherry St.  Address Denver, Colorado 80222
Contractor CHASE DRILLING COMPANY	Box 367 Address Vernal, Utah 84078
Location SW 4 SE 4 Sec. 17 T.	9S R. 19E County Uintah
Water Sands	
<u>Depth</u> <u>Yolum</u>	<u>Quality</u>
From To Flow Rate	or Head Fresh or Salty
** 10' - 4200' ?	Salty
2	
3	
4	
5	
(Continue of rever	se side if necessary)
Formation Tops	
** Some salt water was encoun formation could be designa	itered, but neither amount nor
NOTE: (a) Report on this form as prand Regulations and Rules	ovided for in Rule C-20, General Rules of Practice and Procedure.
(b) If a water analysis has be please forward a copy alo	een made of the above reported zone, ng with this form.
	hen Charles

7/22/81

Vera Chandler

Drilling Engineering Assistant

18-14-14

Form Approved.

Dec. 1973	Budget Bureau No. 42-R1424
DEPARTMENT OF THE INTERFOR  GEOLOGICAL SURVEY	5. LEASE
DEPARTMENT OF THE INTERIOR , 0 13	U-16544
GEOLOGICAL SURVEY 113	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
10 m	TOE MIC
SUNDRY NOTICES AND REPORTS ON WELL'S	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a purel eservoir. Use Form 9–331–C for such proposals.)	rent
Oll	8. FARM OR LEASE NAME
1. oil gas cother	9. WELL NO.
2. NAME OF OPERATOR	15-17 Federal
Husky Oil Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Pariette Bench, Green River
600 South Cherry Street, Denver, CO 80222	11. SEC., T., R., M., OR BLK. AND SURVEY O
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space	17 AREA
below.)	Sec. 17, T9S, R19E
AT SURFACE: 660' FSL & 1965' FEL, SW SE AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH: Same.	Uintah Utah
5. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE	14. API NO. CE. 43-047-31007
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WE
	4722' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
FEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zo
PULL OR ALTER CASING	change on Form 9-330.)
MULTIPLE COMPLETE	
CHANGE ZONES	
(other) July Status Report	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly including estimated date of starting any proposed work. If well	state all pertinent details, and give pertinent date is directionally drilled, give subsurface locations ar
including estimated date of starting any proposed work. If well measured and true vertical depths for all markers and zones per	tinent to this work.)*
	· -
Waiting on completion unit.	
•	
Subsurface Safety Valve: Manu. and Type	Set @
	_
18. I hereby certify that the foregoing is true and correct	
SIGNED Monty Jell TITLE Engineerin	g Intern <sub>date</sub> July 30, 1981
(This space for Federal or Sta	
·	
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	DATE
201101110110 0) 111 110 (11m) (1 /1117)	

Form 9-331 Dec. 1973

57-77419

Form Approved. Budget Bureau No. 42-R1424

# UNITED STATES

18. I hereby certify that the foregoing is true and correct

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	U-16544
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME
1. oil gas other	9. WELL NO.
2. NAME OF OPERATOR	15-17 Federal
Husky Oil Company	10. FIELD OR WILDCAT NAME Pariette Bench, Green River
3. ADDRESS OF OPERATOR 600 So. Cherry; Denver, Colol 80222 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 660' FSL & 1965' FEL, SW SE	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17-9S-19E  12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH:  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	Uintah Utah  14. API NO. 43-047-31007
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4722' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  SUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  BUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  BUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  BUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  CHANGE ZONES	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
ABANDON*	The control of the co
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	irectionally drilled, give subsurface locations and
Please see attached chronology of operations	for the month of August
Subsurface Safety Valve: Manu. and Type	Set @ Ft.

\*See Instructions on Reverse Side

(This space for Federal or State office use)

TITLE Division Prod Superate 10/20/81

\_ DATE \_

Page 3
15-17 Federal
Pariette Bench
Sec.17-09S-19E
Unitah County, Utah

8/28-30 Pumping

8/31/81 24-hour test: 0 BO, 15 BW

9/01/81 24-hour test: 0 BO, 20 BW

9/02/81 15 BO, 0 BW in 16 hours.

9/03/81 No production. Down 11 hours.

9/07/81 24-hour test: 0 BO, 5 BW

9/08/81 No report

9/09/81 FL 2600' FOP. Prepare to change pump. 0 BO, 15 BW

9/10/81 Changed out pump, switched to chrome plunger

9/11/81 40 BO, 0 BW

9/12/81 30 BO, 0 BW; barely pumping, tbg full of parrafin. Pumped 25 bbs hot diesel down backside

9/13/81 0 BO, 43 BW

9/14/81 Pumped no fluid

9/15/81 Pumped no fluid

9/16/81 RU svc unit, pull pump

9/17/81 Run new pump, 1-3/4" RHBC, Martin plunger w/Axelson ring valve

9/18/81 35 BO, 0 BW

9/19/81 10 BO, 40 BW

9/20/81 Shooting fluid levels today

9/21/81 No Report

9/22/81 No production - rod stuck - hot oil treatment

9/23/81 19 BO, 0 BW

9/24/81 19 BO, 0 BW

9/25/81 20 BO, 0 BW

Page 2 15-17 Federal Pariette Bench Sec.17-09S-19E Unitah County, Utah

- 8/13/81 FL at 3000'. Swb 3 hours, 6 BPH, no wtr. Released pkr, run thru perfs, reset pkr at 4604'; return to swbg. Swbd off, pulling 100' fluid per run. Received 25 BTF. Will re-perf existing interval at noon 8/14/81.

  Daily cost: \$4800 Completion Cum: \$66,800 Total Cum: \$367,042
- 8/14/81 Hot oil well to kill, TOOH w/tbg & pkr, RU Schlumberger, re-perf lower Green River. TIH w/anchor, 4 perf sub, seating nipple @ 4779' & tbg.

  Daily cost: \$8200 Completion Cum: \$75,000 Total Cum: \$375,242
- 8/15/81 Swb well, recover 70 BTF, 95% wtr + gas. FL 4000'. Ran 2 each 180-hr & 1 each 24-hr bombs. Pumping equipment en route. Bldg facilities. Daily cost: \$5125 Completion Cum: \$80,125 Total Cum: \$380,367
- 8/16/81 SDFS.
- 8/17/81 Shut in for BHPBU; CP 80#; TP 0#; building surface facilities.
  Daily cost: \$1600 Completion Cum; \$81,725 Total Cum; \$381,967
- 8/24/81 TP 60#. Annulus 160#. RU Otis to pull bombs. Paraffin off. Heated 30 B 2% KCL wtr. Pumped down tbg. TO w/bombs. All 3 bombs good bombs. Run 6 R bombs 10 minutes at each 1000'. Started out of hole with tbg.

  Daily cost: \$12,840 Completion Cum: \$94,565 Total Cum: \$394,807
- 8/25/81 TOH w/tbg. RU Schlumberger; run pipe Analysis Log. Paraffin bridge at 500'. TIH w/scraper & tbg. Circ 120 B 2% KCL @ 180°. Run Analysis Log 4900-2900'. Found perfs at 4722-27', 4730-42', 4747-58', 4762-69'. Found pkr seats at 4510' & 4560' & 4640'. No perfs out of zone.

  Daily cost: \$7200 Completion Cum: \$101,765 Total Cum: \$402,007
- 8/26/81 Ran production tbg. Start in hole with rods.
  Daily cost: \$3000 Completion Cum; \$104,765 Total Cum; \$405,007
- 8/27/81 Finish TIH w/rods. Hang well on, start pumping 1:00 PM,

### Equipment in hole:

155 jts 2-7/8" J-55 tbg	4770.49
Seating nipple	1,10'
Perf sub	4.00
Baker anchor/catcher	2,00'
C/KB	8,001
	4785.59'

Daily cost: \$3000 Completion Cum: \$107,765 Total Cum: \$408,007

Utah
Pariette Bench

15-17 Federal Sec.17-09S-19E Uintah County Green River Formation Husky W.I.: 100% AFE 23-0528 (580,100)

- 7/21/81 Waiting on completion unit. Drlg Cum; \$297,742
- 8/05/81 RU Gamache Well Svc. Start PU 2-7/8" J-55 tbg.
  Daily cost: \$2500 Completion Cum: \$2500 Total Cum: \$300,242
- 8/06/81 Finish PU tbg, tag btm at 4905'. Turn hole over w/2% KCL w/Clasta. TOH. RU Schlumberger, run CBL/VDL/GR at 0 & 1000 psi. Excellent bond thru zones of interest. TI w/tbg, swb well down. Plan to swb well down to 3500' & perforate Green River. Daily cost: \$5000 Completion Cum: \$7500 Total Cum: \$307,742
- 8/08/81 150# SITP flowed 45 minutes, 10 bbls, very gassy. Paraffin off at 50'; ran sinker bars. Made 30 BO plus gas in 8 hrs. Well plugging off intermittently. Will acidize w/2500 gal 8/10/81 AM.

  Daily cost: \$2500 Completion Cum: \$46,000 Total Cum: \$346,242
- 8/09/81 SDFS.
- 8/10/81 SITP 100#. Blew down. RU Halliburton. Acidized w/2500 gal 15% HCL; 60 ball sealers. Breakdown 1800-1100# @ 3 BPM. Acid & balls away @ 4 BPM, 1100#. Balls on formation 1800-1600# @ 4 BPM. ISIP 1200#; 5-minute, 1000#; 15-minute 700#. Flow 20 bbls to pit. Start swbg, received 70 bbls in 7 hrs, 50% oil. FL staying at 3900¹. 30 BLOLTR. Daily cost: \$8500 Completion Cum: \$54,500 Total Cum: \$354,742
- 8/11/81 Tagged fluid at 2200'. Swbd off, pulled 250' fluid per run, thick & emulsified. Recovered 20 B, 50% oil. Spent most of the day unplugging tbg (paraffin). Will hot oil 8/13. Daily cost: \$2500 Completion Cum: \$57,000 Total Cum: \$357,242
- 8/12/81 Well plugged w/paraffin. Heated 50 bbls diesel to 225° F. Pump at 1200#, 1½ BPM. Swb 8 hours. Recover 80 BF (diesel & oil, no gas or wtr). FL staying at 4000'.

  Daily cost: \$5000 Completion Cum: \$62,000 Total Cum: \$362,242

D

Form 9-331

20世紀 地名英语

Company Const

Form	Approved	1.	
Budge	t Bureau	No. 4	2-R142

Dec. 1973			Budget B	ıreau No	. 42-R1424
UNITED STATES	5.	LEASE	man di Agrico		
DEPARTMENT OF THE INTERIOR		U-16544	1.011	-12	*
GEOLOGICAL SURVEY	6.	IF INDIAN, A	ALLOTTEE OR	TRIBE	NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7.	UNIT AGRE	EMENT NAME	<u> </u>	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8.	FARM OR LE	ASE NAME		
1. oil gas other other	9.	WELL NO.		- i	
2. NAME OF OPERATOR	10	15-17		7	<u> </u>
Husky Oil Company 3. ADDRESS OF OPERATOR	10.		ILDCAT NAM		Divor
	11.		e Bench, M., OR BLK.		
600 South Cherry; Denver, Colo. 80222  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17		AREA	3 # E	7.11.20	
below.)		Sec.17-	9S-19E		
AT SURFACE660' FSL, 1965' FEL, SW SE AT TOP PROD. INTERVAL:	12.	COUNTY OF Unitah	PARISH 13	. STAT Utal	
AT TOTAL DEPTH:	14.	API NO.		± /	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	1=	FLEVATION	0 (0110W PF		AND NO
REPORT, ON OTHER SAIN	15.	4722! G	S (SHOW DF	, KDB,	AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	<u> </u>	4/42: 0	, J		
TEST WATER SHUT-OFF					
FRACTURE TREAT					
REPAIR WELL	(NO	OTE: Report re	sults of multipl	e comple	tion or zone
PULL OR ALTER CASING		change o	n Form 9–330.)		
MULTIPLE COMPLETE  CHANGE ZONES			8281		
ABANDON*		**			3
(other) October Status Report		•	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is di	irectio	nally drilled.	ails, and giv	e pertir ace loc	ent dates, ations and
measured and true vertical depths for all markers and zones pertinen	t to th	is work.)*			
na	4h	a manth	of Oatob	. 22	
Please see attached chronology of operations for	r tn	e month	or occobe	; <u>I</u> •	
					<b>3</b> (3)
		m		W	2111
		la()	3000	<b>,</b> , ,	all
		11/1	110V 2	3 1981	رت
			MOAW	, 1301	
			DIVISI	NA OF	•
		(	DIVION DIL, GAS	& MIN	ING
Subsurface Safety Valve: Manu. and Type			Set @ _		Ft.
18. I hereby certify that the foregoing is true and correct					
SIGNED THE DIVISION Prod	Mgr	:DATE	/12/81	+	· · ·
(This space for Federal or State offi	ce use	)			<del></del>
APPROVED BY TITLE		DATE		· · · · · · · · · · · · · · · · · · ·	<del></del>

## UNITED STATES

SUBMIT IN DUPLICATE\*

Form approved. Budget Bureau No. 42-R355.5

## DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-10	6544
------	------

WELL CO	OMPLETION	OR RECC	MPLETION	REPORT	AND LOG*	6. IF INDIAN,	ALLOTTEE OR TRIBE NAME
1a. TYPE OF WE		I, XX GAS WELL		Other		7. UNIT AGRE	EMENT NAME
b. TYPE OF COI				9,1101	;	-	
NEW XX	WORK DE	EEP- PLUG BACK	DIFF. RESVR.	Other		S. FARM OR	LEASE NAME
2. NAME OF OPERA	ATOR						
HUS	KY OIL COM	PANY				9. WELL NO.	
3. ADDRESS OF OP						15-17	Tederal D POOL OR WILDCAT
			er, Colorado			10. FIELD AN	D POOL, OR WILDCAT
	• •	=	accordance with a	ny State requir	ements)*	Parie	ette Bench, Gr. R
At surface	660' FSL &	1965' FEL	, SW/4 SE/4			11. SEC., T., F	R., M., OR BLOCK AND SURVEY
At top prod, in	nterval reported b	oelow Same	<b>e</b>	•		Sec.	17, T9S, R19E
At total depth							·
			14. PERMIT NO	Ī	DATE ISSUED	12. COUNTY C	DR 13. STATE
				7-31002	6/29/81	Unita	
5. DATE SPUDDED	t .	1	TE COMPL. (Ready 10/23/81	10 proa.) 18.	ELEVATIONS (DF, RK		19. ELEV. CASINGHEAD
7/6/81	7/18/	UG, BACK T.D., MD		ILTIDI D COMPT	4722 GR; 47.		LS CABLE TOOLS
•	1 .	907 MD	HOW HOW	LTIPLE COMPL., MANY*	DRILLED E	Y	4
'MD; 4950'	IVD		P, BOTTOM, NAME (	(MD AND TVD)*	·	A11	None 1 25. was directional
			58 <b>';</b> 4730-41		271		SURVEY MADE
OLCOH KIV			53'; 4271-95				No
TYPE ELECTRIC	AND OTHER LOGS		75 , 42/1 50	<del></del>			27. WAS WELL CORED
, III DADOINIO	22 0111211 2000		FL/GR: FDC/	CNL/GR: B	HC/GR; HDT;	PAL	Yes
			SING RECORD (Re				
CASING SIZE	WEIGHT, LB			OLE SIZE		NG RECORD	AMOUNT PULLED
9-5/8"	36#		296' 12	2-1/4"	225 sx Clas	s ''H'' + Add	ls .
5-1/2"	17#			7-7/8"	600 sx Ligh		
		<del></del>	745	7-770	Followed by		
9.		LINER RECOR	D		30.	TUBING RECO	PRD
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (M)	o) size	DEPTH SET (MI	D) PACKER SET (MD)
		DEA	FRANKE		2-7/8''	4200'	4351'
		0) 3 (5)	SUV P				
. PERFORATION RE	ECORD (Interval,	sizara d'high ber)	- C2	<b>1</b> 2.	ACID, SHOT, FRA	CTURE, CEMENT	SQUEEZE, ETC.
			0 7 4004	<b>1984</b>	ERVAL (MD)	AMOUNT AND KINI	D OF MATERIAL USED
Se	e Attachme	nt NUV	27 1981	See A	ttachment		
		niv	ISION OF				
			IS & MINING	DIIGMION			
3.* ATE FIRST PRODUC	TION   PROI		(Flowing, gas lift,		and tupe of pump)	WELL S	STATUS (Producing or
8/27/81			top hole w/			shut	
ATE OF TEST	HOURS TESTED		PROD'N. FOR	OIL—BBL.	GAS-MCF.	WATER—BBI.	
9/11/81			TEST PERIOD	40		0	
OW. TUBING PRESS.				GAS		R-BBL.	OIL GRAVITY-API (CORR.)
N/A	-0-	24-HOUR RA					29.6
	GAS (Sold, used for	or fuel, vented, etc	1			TEST WITNES	
		-				1	Wilckens
. LIST OF ATTACE	HMENES						
Logs sen	tprevious	ly. Core	Analysis Rep	ort atta	ched.		•
6. I hereby cert			information is com	plete and corre	ct as determined fro	m all available re	ecords
		10	Ve	ra Chandl	er		
SIGNED /	ula	udtu	TITLE EI	igineerin	g Assistant	DATE	November 20, 198

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Here 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Coment": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) or Federal office for specific instructions.

	38. GEOLOGIC MARKERS		
	IS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING EN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	160000000000000000000000000000000000000	OF STRUCT NOT NOT STRUCT
	SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING		BOTTOM
OUS ZONES:	TESTED, CUSHION		TOP
37. SUMMARY OF POROUS ZONES:	SHOW ALL IMPO DEPTH INTERVAL		FORMATION

er Core: 4255' 4309' See Attached.  Green River 1040' Douglas Creek 4207'	DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING	TESTED, CUSHION	TOOL TOOL OR OR					
Core: 4255' 4309' See Attached.  Green River 1040'  Douglas Creek 4207'	FUKMATION	TOP	BOTTOM	DESCRIPTION	IN, CONTENTS, ETC.	1	OT TO	dı
Core: 4255' See Attached.  Bouglas Greek Douglas Greek						a Man	MEAS. DEPTH	TRUE VERT. DEPTH
4255' See Attached.  Green River Douglas Creek	4" Diameter Co	ore:				-		
	Green River	42551	43091			Green River	1040	
						Douglas Creek	4207	
	er ere							
				-				
								· · · · · · · · · · · · · · · · · · ·
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	* ************************************					-		
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							-	

15-17 FEDERAL Sec. 17, T9S, R19E Uintah County, Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

#### 32. Acid Shot, Fracture, Cement Squeeze, etc. (continued)

#### Depth Interval (MD) Amount and Kind of Material Used

Lower Green River Perfs
4762-69'
4747-58'
4730-41'

Acidized w/2500 gal 15% HCL; 60 ball sealers.

4 SPF w/4" csg gun

Frac'd Perfs 4721-69'

4721-27'

Pumped 14,200 gal Mighty oil frac; 4,000 gal pad; 1,500 gal 1/PPG 10-20 sand; 15,000 gal 2/PPG 10-20 sand; 2,000 gal 3/PPG 10-20 sand.

Upper Green River Perfs
4634-38'
4649-53'
4 SPF w/4" csg gun

Acidized w/10,000 3CF  $\rm M_2$ .500 gal wir & chemical; 1,000 gal 15% HCL; 30 ball sealers.

Upper Green River Perfs
4271-95'
4 SPF w/4" csg gun

Set BP @ 4340'; Pkr @ 4200'.

Acidized above Green River Perfs.

Pumped 500 gal prepad chemical & wtr; 1,000 gal 15% HCL + additives w/750 SCF/bbl nitrogen. Avg 5 BPM acid & nitrogen @ 2,000#. Flushed w/6 BW, 30,000 SCF/bbl nitrogen.

Frac'd 4271-95' Perfs

Company: Well: County: Field:

Husky Oil Company No. 15-17 Federal Uintah State: Utah Pariette Bench (East) T 9 So. R 19 East Sec. 17

Mud: Water Base
Formation: Douglas Creek
TTCS File: 60
Date: 7/23/81

		Permea	bility		Satur	ation	Grain		
Sample	Depth		_	Porosity		$H_2O$	Density		
No.	(ft)	(md)	(md)	(%)	(%)	<u>(%)</u>	(gm/cc)		Lithology
	4255-60							sh	2/2/
1	$\sqrt{-61}$	23	18	13.3	24.4	35.6	2.66		sl/slty, sl/dol
2	-62	1.12	0.75	10.4	29.8	29.1	2.66		slty, sl/dol
3	-63	5.56	1.42	12.1	27.4	31.4	2.66		slty, sl/dol
4	-64	30	20	17.1	24.4	40.2	2.65		sl/slty, sl/dol
5 6	-65	16	9.25	15.7	23.4	41.4	2.65		sl/slty, sl/dol
6	-66	17	12	16.2	23.7	39.4	2.64		sl/slty, sl/dol
7	-67	4.80	1.49	14.7	22.4	45.6	2.65		slty, sl/dol
8	-68	11	8.52	15.7	26.2	42.7	2.65		slty, sl/dol
9	-69	4.98	1.58	14.3	26.2	39.0	2.66		slty, sl/dol
10	-70	7.87	2.41	14.7	22.8	40.2	2.66		slty, sl/dol
11	-71	2.57	0.84	13.6	23.6	40.4	2.67	sd,	slty, sl/dol
12	-72	5.40	3.70	14.6	20.6	47.7	2.65	sd,	slty, sl/dol
13	-73	8.21	4.78	14.6	26.6	38.1	2.66	sd,	slty, sl/dol
14	-74	8.51	6.34	15.5	23.6	38.6	2.66	sd,	slty, sl/dol
15	-75	8.70	9.02	15.4	19.5	46.7	2.66	sd,	slty, sl/dol
16	-76	17	15	16.1	28.3	34.3	2.66		sl/slty, sl/dol
17	-77	8.40	1.42	13.5	28.4	45.2	2.65	sd,	slty, sl/dol
18	<del>-</del> 78	28	21	15.6	26.8	40.7	2.65	sd,	sl/slty, sl/dol
19	-79	42	49	16.7	28.8	36.3	2.65		sl/slty, sl/dol
20	-80	49	. 44	15.8	29.0	30.3	2.65	sd,	sl/slty, sl/dol
21	-81	42	28	15.8	29.5	29.5	2.65	sd,	sl/slty, sl/dol
<b>2</b> 2	-82	27	22	14.4	29.1	31.8	2.66		sl/slty, sl/dol
23	-83	0.03	0.04	5.5	12.7	77.1	2.71		slty, shy, sl/dol
24	-84	1.66	0.45	11.7	7.6	69.1	2.67		slty, sl/dol
25	-85	4.11	1.65	12.5	29.4	35.3	<b>2.</b> 68		slty, sl/dol
26	-86	21	31	12.8	29.2	29.2	2.67		sl/sĺty, sl/dol
27	<b>,</b> -87	29	11	12.6	23.2	42.7	2.68		sl/slty, sl/dol
28	<u>L-88</u>	40	17	13.0	29.1	37.8	2.68		sl/slty, sl/dol
	4288-93								ool, sh stks
	4293-99							sh,	
	4299-4300								lmy, shy
29	4300-01	0.01		3.6	0.0	61.1	2.67		lmy
	4301-02								sdy, lmy
30	4302-03	0.22	~-	10.5	0.0	71.6	2.67		slty, lmy
	4303-04								lmy, sh stks
31	4304-05	0.01		5.1	0.0	85.6	2.69		slty, dol
	4305-09								sity, doi

Form 9-331

Form P	pproved	١.	
Budget	Bureau	No.	42-R1424

UNITED STATES  DEPARTMENT OF THE INTERIOR	5. LEASE U-16544		
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME		
1. oil gas other	9, WELL NO.		
2. NAME OF OPERATOR	15-17 Federal		
HUSKY OIL COMPANY	10. FIELD OR WILDCAT NAME		
3. ADDRESS OF OPERATOR	Pariette Bench, Green River		
600 S. Cherry St., Denver, CO 80222	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	Sec. 17-9S-19E		
below.) AT SURFACE: 660' FSL & 1980' FEL	12. COUNTY OR PARISH 13. STATE		
AT TOP PROD. INTERVAL:	Uintah Utah		
AT TOTAL DEPTH:	14. API NO.		
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,			
REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	15. ELEVATIONS (SHOW DF, KDB, AND WD) 4722' GR		
FRACTURE TREAT SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  (other) Move Drilling Location	(NOTE: Report results of multiple completion or zone change on Form 9–330.)		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined.	lirectionally drilled, give subsurface locations and		
Husky Oil Company requests permission to me for the 15-17 FEDERAL 15' to the East to a specifications. The pad and pit will rema constructed.  Requested New Location: 15-17 FEDERAL 660' FSL & 1965' Sec. 17-19S-19E Uintah County, Ut	in the same and are almostly [1]  FEL [50 11 1981]		
Subsurface Safety Valve: Manu. and Type	set @ rt.		
18. I hereby certify that the foregoing is true and correct  SIGNED LUC ASSIST	ant DATE June 29, 1981		
(This space for Federal or State of	ffice use) JYNN JUL 7 1981		
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING		

Opin.

\*See Instructions on Reverse Side

DATE: 12/15/8/
BY: 12/15/8/

#### Form Approved. Form 9-331 Budget Bureau No. 42-R1424 Dec. 1973 UNITED STATES 5. LEASE U-16544 DEPARTMENT OF THE INTERIOR 6. IF INDIAN, ALLOTTEE OR TRIBE NAME GEOLOGICAL SURVEY 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) 8. FARM OR LEASE NAME 1. oil gas XXother well 9. WELL NO. well 15-17 FEDERAL 2. NAME OF OPERATOR 10. FIELD OR WILDCAT NAME HUSKY OIL COMPANY Pariette Bench: Green River 3. ADDRESS OF OPERATOR 11. SEC., T., R., M., OR BLK. AND SURVEY OR 6060 S. Willow Drive, Englewood, CO 80111 AREA 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 Section 17, T9S, R19E below.) 660' FSL & 1965' FEL, SW4 SE4 12. COUNTY OR PARISH 13. STATE AT SURFACE: AT TOP PROD. INTERVAL: Uintah Utah AT TOTAL DEPTH: 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 43-047-31002 REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) 4722' GR SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (NOTE: Report results of multiple completion or zone change on Form 9-330.) PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON\* Rehabilitation Compliance (other) DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* To comply with your instructions, the following corrective actions have been taken: 1) Dikes are around the tanks. Flywheel cover is on pumping unit. Pit has been cleaned up. Access points on oil tanks are sealed. Tanks and facilities have been painted. The site is ready for your inspection. Glynn Mayson - Utah Field Superintendent BLM - Vernal, Utah \_ Set @ \_\_ Subsurface Salety Valve: Manu, and Type . certify that the foregoing is true and correct Vera Chandler 303/850-1462 May 6, 1983 <u> TITASSOC. Environmentalpatanalyst</u> (This space for Federal or State office use) PROVED BY TITLE DATE NDITIONS OF APPROVAL M**ay i i 198**3

DIV. OF OIL, GAS & MINING



Form 9-331 Dec. 1973

# DIVISION OF

Form A	pproved	١.	
Budget	Bureau	No.	42-R1424

UNITED STATES GAS & MINING	5. LEASE
DEPARTMENT OF THE INTERIOR	U-16544
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Oo not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas well other	9. WELL NO. 15-17 FEDERAL
2. NAME OF OPERATOR HUSKY OIL COMPANY	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR 6060 S. Willow Drive, Englewood, CO 80111	Pariette Bench: Green River 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	AREA Sec. 17, T9S, R19E
AT SURFACE: 660' FSL & 1965' FEL, SW4 SE4	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH:	Uintah   Utah
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	43-047-31002 15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	4722' GR
FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CYANGE ZONES  ABANDON*  (other) Shut-In Status	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	irectionally drilled, give subsurface locations and
Subject well is non-commercial, and was shu	t in on October 5, 1983.
Husky Oil Company requests permission for s study will be made.	hut-in status. An engineering
Subsurface Safety Valve: Manu. and Type	
18. I hereby certify that the foregoing is true and correct Chandler SIGNED TITAS SOC. Environm	303/850-1462 ental <sub>p</sub> Amalyst October 12, 1983
(This space for Federal or State of	
APPROVED BY	
CONDITIONS OF APPROVAL, IF ANY:	

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING



DIVISION OF OIL,	GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. 71-016544
SUNDRY NOTICES AND (Do not use this form for proposals to drill or to Use "APPLICATION FOR PERI	REPORTS ON WELLS deepen or plug back to a different reservoir. MIT—" for such proposals.)	6. IF INDIAN, ALLOTTES OR TRIBE NAME
I. OIL GAS S		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		8. FARM OR LEAGE NAME
MARATION DI COMPANY 3. ADDRESS OF OFFELTOR		9. WELL NO.
P.O. BOX 2659 Cosper		15-17
<ol> <li>LOCATION OF WELL (Report location clearly and in accordance also space 17 below.)</li> <li>At surface</li> </ol>	ordance with any State requirements.	PARIETTE BENCH
Sec.17 T95 RIGE 5WS	E E	11. SEC., T., B., M., OR BLW. AND SURVEY OR AREA
14. PERMIT NO. 47 15. BLEVATIONS 43-213 - 31002	(Show whether DF, RT, GR, etc.)	Duchespie Utah
16. Check Appropriate Box	To Indicate Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	80361	QUENT ESPORT OF:
TEST WATER SEUT-OFF PULL OR ALTER CA PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	TE PRACTURE TREATMENT SHOUTING OR ACIDIZING (Other) Change C	RETAIRING WELL  ALTERING CASING  ABANDONMENT*  OPERPIOR  Its of multiple completion on Well spletion Report and Log form.)
Husky sold interes	t to above on June	e 1,1984
		RECEIVED
		JUN 1 4 1984
		DIVISION OF OIL GAS & MINING
		•
	•	
18. I hereby certify that the foregoing is true and correct SIGNED	TITLE PROD. Acct. Superviso	R DATE 6/11/84
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

## DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING



DIV	ISION OF OIL, GAS, AND M		5. LEASE DESIGNATION	AND SERIAL NO.
	<u></u>		U-16544	
(Do not use this form for pr Use "APP	OTICES AND REPORTS roposals to drill or to deepen or plug LICATION FOR PERMIT—" for such	ON WELLS back to a different reservoir. proposals.)	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
I. OIL GAS OTHE	·R	RECEIVED	7. UNIT AGREEMENT NA	МВ
2. NAME OF OPERATOR		I Cheer C has I V ben by	8. FARM OR LEASE NAM	13
Marathon Oil Compar	1V		Pariette Be	nch
B. ADDRESS OF OPERATOR		JUL 3 1984	9. WELL NO.	
P.O. Box 2659, Casr	on clearly and in accordance with any		15-17	
See also space 17 below.) At surface	on clearly and in accordance with any	State DIVISION OF OIL	10. FIELD AND POOL, OF	
660' FSL & 1965' FE	EL SW SE	GAS & MINING	Pariette Be	
14. PERMIT NO.			Sec. 17, T9	S, R19E
43-047-31002	15. ELEVATIONS (Show whether D. 4722' GL, 4733'		Duchesne	Utah
6. Check	Appropriate Box To Indicate N	Nature of Notice, Report, or C	Other Data	
NOTICE OF IN	TENTION TO:	UPEREUR	ENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	BLL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	8100
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	T*
REPAIR WELL	CHANGE PLANS	(Other)	of multiple completion of	n Well
(Other) See below	OPERATIONS (Clearly state all pertinent ectionally drilled, give subsurface loca	Completion or Recomple	of multiple completion of etion Report and Log for	m.)
•	, effective date of chacky Oil Company by Marat	-		
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8. I hereby certify that the dorestoln	//	trict Operations Manag	ger <sub>DATE</sub> June 2	28, 1984
(This space for Federal or State	office use)			
APPROVED BY	TITLE	·	_ DATE	



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE 170 South 500 East Vernal, Utah 84078



July 8, 1987



DIVISION OF CAL, GAS & MINING

Marathon Oil Company P.O. Box 2690 Cody, WY 82414

Re: Request for Approval of Shut-in Status

Pariette Bench #15-17 Section 17, T9S, R19E Uintah County, Utah Lease U-16544

#### Gentlemen:

Please find attached your sundry notice requests noted by this office in regard to approval for a shut-in status for the referenced well. Please be advised that this office has not approved your request, but rather, noted that Marathon Oil Company is placing the referenced well in a shut-in status. This is because Lease U-16544 is held by production beyond its primary term by Well No. 33-18J operated by Natural Gas Corporation of California. Should production also cease from Well No. 33-18J, further actions would have to be taken by either Natural Gas Corporation or Marathon or both companies in order to keep the lease from terminating.

Should you have additional questions, please contact Jerry Kenczka of this office.

Craig M. Hansen ADM Minerals

Attachment

Form 3160-5 (November 1983)	
<sup>a</sup> (N∞vember 1983)	
(Formerly 9-331	١

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

## ITED STATES

SUBMIT IN LICATE. Form approved.

LEASE DESIGNATION	AND	BERTAL N	ċ
Expires August	31,	1985	
Budget Bureau	No.	1004-01	

BUKEAU OF	LAND MANA	GEMENT

PCLL OR ALTER CASING

MULTIPLE COMPLETY

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS
		3-225		-	

REPAIRING WELL

ABANDON MENT®

	(Do not use this form for proposals to drill or to deepen or plug Use "APPLICATION FOR PERMIT—" for such	back to a different reservoir	072813
1.	OIL CAB OTHER	DECERVIED	7. UNIT AGREEMENT NAME
2.	Marathon Oil Company	KE S	Pariette Bench
3.	P. O. Box 2690, Cody, Wyoming 82414	JUL 2 2 1987	9. WELL NO. 15-17
۱.	LOCATION OF WELL (Report location clearly and in accordance with an See also space 17 below.)  At surface  SWSE 660' FSL & 1965' FEL	OIL, GAS & MINING	Pariette Bench
	3M3L 000 F3L & 1903 FEL		11. SRC., T., S., M., OR BLK. AND SURVEY OR ARMA
			Sec. 17, T9S, R19E
4.	43-047-31002 15. ELEVATIONS (Show whether D 4722 GL	F, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE Uintah Utah
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	NOTICE OF INTENTION TO:		INT ESPORT OF:

CHANGE PLANS (Other) (Other) Shut-In (Norz: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SHOOTING OR ACIDIZING

A Sundry Notice requesting shut-in status of the above referenced well was sent to your office on May 30, 1986 (Please see attachment).

An approved copy of that Sundry Notice was never received. Perhaps your office never received the original request.

At this time Marathon Oil Company is requesting that shut-in status of ths well be continued until favorable oil prices justify returning it to production.

BLM-Orig & 3cc: WRF  18. I hereby certify that the followink is true and correct	, FMK, WTR, RDT, JLS, WRW, Title	& Contract (Houston)
SIGNED RP Maday	TITLE Regulatory Coordinator	June 3, 1987
(This space for Federal or State office use)  APPROVED BY  CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Operator

\*See Instructions on Reverse Side

BUREAU OF LAND MANAGEME	RIOR (Other Instructions Property of Prope	U-16544
SUNDRY NOTICES AND REPORTS  (Do not use this form for proposals to drill or to deepen or plu  Use "APPLICATION FOR PERMIT—" for such	ON WELLS	6. IF INDIAN, ALLOTTRE OR TRIBE NAME
		7. UNIT AGREEMENT NAME
OH, WELL X WELL OTHER	TANK THE TRANSPORTER TO	8. FARM OR LEASE NAME
Cochrane Resources, Inc.		Pariette Bench
ADDRESS OF OPERATOR		9. WELL NO.
	4066 MAR 3 0 1989 C	15-17
LOCATION OF WELL (Report location clearly and in accordance with a		10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	DIVISION OF	Pariette Bench
660' FSL & FEL SW SE	OIL, GAS & MINING	11. SEC., T., R., M., OR BLK. AND SURVEY OR ARKA
		Sec 17, T9S, R19E
PERMIT NO. 15. ELEVATIONS (Show whether		12. COUNTY OR PARISH 13. STATE
43-047-31002 4722' GL,	4733' KB	Uintah   Utah
Check Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	SUBSE	QUENT BEPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	BEPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
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		BMIT IN TRIP	Budget Bureau No. 1004-0135 Expires August 31, 1985
Form 3160-5 (November 1983)			LAPITES MARGINET ST. 1965.
(Formerly 9–331) <b>DEPARTM</b>	OF LAND MANAGEMENT	<b>\</b>	U-16544
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SUNDRY NOTIC	TES AND REPORTS ON W	different reservoir.	
(Do not use this form for proposal	is to drill or to deepen or plug back to a from FOR PERMIT—" for such proposals.)		UNIT AGREEMENT NAME
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WELL GAS WELL OTHER	TO COST	- The state of the 1676	3. FARM OR LEASE NAME
2. NAME OF OPERATOR  Marathon Oil Company			Pariette Bench
3. ADDRESS OF OPERATOR	140		, WALL NO.
2 0 Day 2600 Cody W	oming 82414 🕮 APR 1	0.1999	15-1/ 10. PIELD AND POOL, OF WILDCAT
<ol> <li>LOCATION OF WELL (Report location ele- See also space 17 below.)</li> </ol>	arly and in accordance with any State req	unement.	Pariette Bench
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BLMOrig & 3cc: SUDOGM2  18. I hereby certify that the foregoing is  SIGNED Control of State office  (This space for Federal or State office)	TITLE Regulat	ract (Houston)  ory Coordinator  ASSISTANT DISTRICT MANAGER MANAGER	
APPROVED BY APPROVAL, IF A	TITLE O. XIII		

### \*See Instructions on Reverse Side

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DEPARTMEN F THE INTERIOR VIEW BUILD	Form 3160-5 November 1983) UNITED STA		SUBMIT IN TRIPLIC	ATE Expires Aug	gust 31, 1985	
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18. I hereby certify that the foregoing is true and correct  SIGNED	SIGNED — SIG	TITLE Pre	sident	DATE Sep	tember 27, 1	. 98
	•					
APPROVED BY TITLE DATE CONDITIONS OF APPROVAL, IF ANY:		TITLE		DATE		

\*See Instructions on Reverse Side

1.

3.

17.

a approved

Form 3160-5 (November 1983) (Formerly 9-331)		UNITED STATE TMENT F THE TAU OF LAND MANA	INTERIOR	SUBMIT IN TRIPLICATES (Other instructions verse side)	5. LEASE DESIGNATION U-16544	31, 1985 AND SERIAL NO.
SUN (Do not use thi	NDRY NC	TICES AND REP	ORTS ON	WELLS to a different reservoir.	6. IF INDIAN, ALLOTTEE	
I. OIL 및 GAS	OTHER			SEP 14 1990	7. UNIT AGREEMENT NA	MB
2. NAME OF OPERATOR COCHTANE F		s, Inc.		OWSIDE OF	8. FARM OR LEASE NAM Pariette Be	
3. ADDRESS OF OPERATOR P.O. BOX 1	656 Ro	osevelt, Utah		A	9. WELL NO. 15-17	
4. LOCATION OF WELL See also space 17 be At surface	Report location low.)	clearly and in accordance	e with any State	requirements.*	Pariette Be	
660' FSL	10651 5	ET SWSE			11. SEC., T., B., M., OR B SURVEY OR ARMA	LE. AND
000 FSL	1905 F	EL SWSE			Sec 17, T98	
14. PERMIT NO. 43-047-310	002	15. ELEVATIONS (Show	whether DF, RT, CL, 4733	r, etc.) KB	12. COUNTY OF PARISH Uintah	13. stats Utah
16.	Check A	Appropriate Box To I	ndicate Natur	e of Notice, Report, or (	Other Data	
	NOTICE OF INT	ENTION TO:		виваво	UNIT REPORT OF:	
TEST WATER SHUT- PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	OFF	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	x	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report results (Completion or Recomp	ALTERING CA ABANDONMEN  s of multiple completion completion Report and Log for	sino To
Cochrane I following Cement top	Resource procedu 2880'. plug fr	s, Inc. propo re.	ses plug	ging the subjections of the subjection of the su	t well as per	

Set 200' plug from 2500' - 1700', 100' in and 100' out of end of 5 1/2" csg. Set 200' plug from 1400' - 1600'.

Set 200' plug from 200' to 400' across end of surface csg.

Set 10 sk surface plug and install dry hole marker.

DEN GH St S MICHOFILM

18.	I	bereby	certify	that	the	foregoing	is	true	and	correct
	8	IGNED	-2	in	e-z	ula				

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: ACCEPTED BY THE STATE OF UTAH DIVISION OF

OIL, GAS, AND MINING

\*See Instructions on Reverse Side DATE: \_

President

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or a United States any false, fictitious or fraudulent statements or representations as to any matter within its insistiction. r agency of the

UNITED STATES  (November 1983)  (November 1983)  (Pormerly 9-331)  DEPARTMENT OF THE INTERIOR verse side)  BUREAU OF UD MANAGEMENT	Expires August 31, 1984  5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTER OR TRIBE NAME
	7. UNIT AGREMENT NAME
WELL GAS WELL OTHER  2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Cochrane Resources, Inc.	Pariette Bench
3. ADDRESS OF OPERATOR	9. WELL NO.
P.O. Box 1656 Roosevelt, Utah 84066  1. Location of Well. (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)	15-17 10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Pariette Bench
660' FSL 1965' FEL SW SE	11. SHC., T., B., M., OR BLE. AND SURVEY OR ARMA
	Sec 17, T9S, R19E
14. PERMIT NO. 16. ELEVATIONS (Show whether DF, RT, QR, etc.)	12. COUNTY OR PARISE 13. STATE
43-047-31002   4722' FL, 4733' KB	Uintah   Utah
16. Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:	DENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING CHANGE PLANS (OTHER)	BEPAIRING WELL ALTERING CABING ABANDONMENT®
(Nors: Report results	of multiple completion on Well letion Report and Log form.)
17 DESCRIBE PROPOSED OR COSPILED OF ERVIOUS (Clearly state all pertinent details, and give pertinent dates, proposed work. If well is directionally drilled, give subsurface locations and mensured and true vertice neat to this work.)	including estimated date of starting any al depths for all markers and gones perti-
Cochrane Resources, Inc. proposes plugging the subject following procedure. Previous approved procedure include	
Cement top 2880'.  Spot 200' plug from 4790' - 4590' across existing perfs Set CIBP at 4200' and cap with 50' cement.  Perforate at 2600' and squeeze 10 sks in perfs and leave	
to 2400'.  Perforate 800' and circulate cement back to 200' outside cement from 200' to 800' inside csg.	e csg and leave
Set 10 sk surface plug and install dry hole marker. 9# per gal fluid will be placed between all plugs.	NECENVED
ACCEPTED BY THE STATE  # OF UTAH DIVISION OF	MAY 1 6 1991
OIL, GAS, AND MINING	DIVISION OF
DATE: 5-21-91	OIL GAS & MINING
av. The authors	
18. I hereby certify that the foregoing is true and correct	
Procident	May 15, 1991
SIGNEDTITLE	DAIN
(This space for Federal or State office use)  APPROVED BY	DATE
CONDITIONS OF APPROVAL, IF ANY:	

(v.m. 316). November 108). Formerly 9-333.	UNITED ST		SI BMIT IN TRIPLA (Other Instructions verse side)	5 15	ent. Spire Access to the second secon
SUND (Do not live this to	BUREAU OF AND N RY NOTICES AND rm for proposals to drill or to use "APPLICATION FOR PERM	reports on	WELLS to a different reservoir.		INDIAN, ALBOTTEK OR TRIBE NAME
OIL S GAS	1	Francis	MERION AL	7. UN	IT AGREEMENT NAME
2. NAME OF OPERATOR Cochrane Resou	rces, Inc.		JAH 0 5 1993	<b>)</b>	riette Bench
3. ADDRESS OF OPERATOR		0.4066	OIVISION OF	` }	LL NO. Distural
	Roosevelt, Utal ort location clearly and in acco			10. F	-17 FLD AND POOL, OR WILDCAT riette Bench
660' FSL, 196	5' FEL SW SE				C, T., E., M., OR BLK. AND SUBVEY OR ARMA C 17, T9S R19E
14. PERMIT NO 43-047-31002	1	(Show whether DE. RT. 2; FL 4733	or, etc.) B ' KB	12 00	ntah Utah
1-63	Check Appropriate Box	To Indicate Natu	re of Notice, Report	, or Other D	Pata
พงา	CICE OF INTENTION TO			T	PORT OF:
TEST WATER SHUT-OFF	PELL OR ALTER CAS		WATER SHUT-OFF		AUTERING CASING
FRACTURE TREAT SHOOT OR ACIDIZE	ABANDON*	F , ;	SHOPTING OR ACIDIZII	1	ABANDON MENT
CEPAIR WELL	CHANGELAND	1	(Other)	Transported	
cuheri	•		(Norg: Report Completion or F	results of mult	iple completion on Well port and Log form.
17 rescript proposed on coproposed work. If we nent to this work ) *	SPLETED OPERATIONS (Clearly ell is directionally drilled, give	tate all pertinent des subsurface locations	inils and give perlinent and measured and true	dates, includir vertical depth	ng estimated date of starting any ofor all markers and zones perti
The subject we	ll has been plug	gged as fol	lows:		
cement plug wa A cast iron br The well was p 2410' and 12.2 at 2600'. The cement on the The well was p down the csg a The injection bbls cement wa Set 200' plug	erforated with 4 bbls cement was csg from 2410' retainer. erforated at 800 nd up the annulurate was establis pumped down the from 800' - 600' from 400 to 200'	to 4590' et at 4200' holes at s pumped th - 2600' wa )' with 4 h us. Ished down he annulus. in and ou	across the p and 50' of 2600'. A cerough the result oles. The wthe 9 $5/8$ " - (370' to sut of 5 $1/2$ "	cement restainer a of cement restainer a fell would be sold as follows:	ions. was placed on top. tainer was set at and into the holes
A dry hole mar	ker has been ere	ected and t	he surface h	as been	reclaimed.
•	foregoing is true and correct			ala a complete de la	August 16 1001
SIGNED	allen	ritle. Pre	sident		August 16, 1991
APPROVED BY CONDITIONS OF APPR	Im chavell	inte activi	TOTAL PROPERTY OF THE PROPERTY	107 113	OCT 0 2 1991

\*See Instructions on Reverse Side

CONDITIONS OF APPROVAL ATTACHMENT TO OFFICIATOPES CURY

9-593 1953) LIC LAND:		DEF	CONDIVID	DUAL	CAL SUME TION DIVERSE WELL	E INTE IRVEY	ORD 81_		RS	9S 19E LB &	Mer.
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essee Chorn	rave R	Compa	ny, et	: al	Fiel	d	Р	ariett	e Bend	:h	
Coch 1. <b>Derator</b>					Dis	trict	S	alt La	ke Cii	<u> </u>	
Well No1	5-17				Sul	odivision	<u> </u>	W SE			
Location 660	' FSL	<u>&amp; 1980</u>	' FEL							************	
Completed for probable for prob	pproved Formatio	on Aug	27 3 <i>0</i>	_, 19_8: _, 19 <sup>©</sup>	l Gra	evity A. tial R. I	P. I	NA imping orizons Depths	59	Conter	nis
YEAR JAN.	FEB.	MAR.	Apr.	May	JUNE	JULY	Aug.	SEPT.	Oct.	Nov.	DEC.
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